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## Solid lipid nanoparticles for cancer therapy

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*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2015

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Bispo de Jesus, M. (2015). *Solid lipid nanoparticles for cancer therapy: an in vitro study in prostate cancer cells*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

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STELLINGEN

behorende bij het proefschrift

SOLID LIPID NANOPARTICLES FOR CANCER THERAPY:  
AN IN VITRO STUDY IN PROSTATE CANCER CELLS

van

MARCELO BISPO DE JESUS

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1. Intrinsic characteristics of the target cell should be explicitly taken into account when devising novel strategies to optimize the application of nanoparticles in tumor therapy.

– *this thesis*

2. To improve nanoparticle-mediated drug delivery, the rational design of nanoparticles should reflect a proper balance between the purpose of application and chemicophysical novelty.

– *this thesis*

3. The use of a non-exchangeable marker for monitoring intracellular tracking of nanoparticles is mandatory; however, it does not exempt the investigator from running proper control experiments.

– *Vighi et al. (2011) Ther Deliv 2:1419–1435*

4. Eating yourself (autophagy) may increase healthy lifespan.

– *Hansen et al. (2008) PLoS Genet 4:e24*

5. Not all nanoparticles are equal, but some nanoparticles are more equal than others.

– *Animal Farm, George Orwell*

6. If *your first impression is the last impression*, you are basically using your ignorance to form your opinion.